

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2005/050192

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07H19/20 G01N33/58

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D C07H C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data, BEILSTEIN Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/090319 A (BIO MERIEUX ; LAAYOUN ALI (FR); LHOMME JEAN (FR); BOURGET CECILE (FR);) 14 November 2002 (2002-11-14) cited in the application examples 23,30,37,44,55,71,74,85,88	1,3,7, 11-25
Y	the whole document	1-25
X	WO 02/090584 A (BIO MERIEUX ; LAAYOUN ALI (FR); LHOMME JEAN (FR); BOURGET CECILE (FR);) 14 November 2002 (2002-11-14) cited in the application examples 23,30,37,44,55,71,74,85,88	1,3,7, 11-25
Y	the whole document	1-25
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

1 August 2005

Date of mailing of the international search report

09/08/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>LAAYOUN A. ET AL.: "Aryldiazomethanes for Universal Labeling of Nucleic Acids and Analysis on DNA Chips"            BIOCONJUGATE CHEM.,            vol. 14, 2003, pages 1298-1306,            XP002308387            cited in the application            the whole document</p>	1-25
Y	<p>SHIGA M ET AL: "SYNTHESIS OF A NOVEL BIOTIN DERIVATIVE THAT BEARS A DIAZO GROUP AS THE REACTIVE SITE"            ANALYTICAL SCIENCES, JAPAN SOCIETY FOR ANALYTICAL CHEMISTRY, TOKYO,, JP,            vol. 9, no. 4, August 1993 (1993-08),            pages 553-556, XP008005959            ISSN: 0910-6340            the whole document</p>	1-25
Y	<p>SHIGA M ET AL: "FLUORESCENCE DETECTION OF DNA USING A NOVEL PEROXIDASE SUBSTRATE, 4-(4-HYDROXYPHENYLCARBAMOYL)BUTANOIC ACID"            ANALYTICAL SCIENCES, JAPAN SOCIETY FOR ANALYTICAL CHEMISTRY, TOKYO,, JP,            vol. 11, no. 4, August 1995 (1995-08),            pages 591-595, XP008005960            ISSN: 0910-6340            the whole document</p>	1-25
A	<p>LANGER P R ET AL: "ENZYMATIC SYNTHESIS OF BIOTIN-LABELED POLYNUCLEOTIDES: NOVEL NUCLEIC ACID AFFINITY PROBES"            PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, DC, US,            vol. 78, no. 11, November 1981 (1981-11),            pages 6633-6637, XP000892770            ISSN: 0027-8424            the whole document</p>	1-25
A	<p>BAYER E A ET AL: "THE USE OF THE AVIDIN-BIOTIN COMPLEX AS A TOOL IN MOLECULAR BIOLOGY"            METHODS OF BIOCHEMICAL ANALYSIS, NEW YORK, NY, US,            vol. 26, 1980, pages 1-45, XP000764016            ISSN: 0076-6941            the whole document</p>	1-25
A	<p>WO 88/04289 A (NAT DISTILLERS CHEM CORP)            16 June 1988 (1988-06-16)            the whole document</p>	1-25

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02090319	A	14-11-2002	FR 2824323 A1	08-11-2002
			CA 2444918 A1	14-11-2002
			CN 1518536 A	04-08-2004
			EP 1383732 A1	28-01-2004
			WO 02090319 A1	14-11-2002
			JP 2005502027 T	20-01-2005
			US 2003186448 A1	02-10-2003
WO 02090584	A	14-11-2002	FR 2824335 A1	08-11-2002
			CA 2444926 A1	14-11-2002
			EP 1383925 A2	28-01-2004
			WO 02090584 A2	14-11-2002
			JP 2004527258 T	09-09-2004
			US 2003143555 A1	31-07-2003
WO 8804289	A	16-06-1988	US 4775745 A	04-10-1988
			AU 1049988 A	30-06-1988
			WO 8804289 A1	16-06-1988